

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Shozo KOYAMA et al.

Continuation Application of
Serial Number: 09/355,642

Filed: July 29, 1999

For: ANTIGENIC SUBSTANCE INDUCTOR, VACCINE PRECURSOR, VACCINE,
ANTIBODY, NEUTRALIZING ANTIBODY, ANTITOXIN, IDIOTYPE ANTIBODY
AND/OR ANTI-IDIOTYPE ANTIBODY WHICH IS INDUCED BY ITS IDIOTYPE
ANTIBODY

PRELIMINARY AMENDMENT

Assistant Commissioner
For Patents
Washington, D.C. 20231

June 18, 2001

Sir:

Prior to calculation of the fee and examination on the merits
of the above-identified patent application, please amend the
application as follows:

IN THE SPECIFICATION:

Page 1,

Please insert at the beginning:

CONTINUATION APPLICATION OF
Serial Number 09/355,642
PRELIMINARY AMENDMENT

PATENT

-- This application is a continuation of application
Serial Number 09/355,642, filed July 29, 1999.
Application Serial No. 09/355,642 is a 371 of
PCT/JP98/00351.--

IN THE CLAIMS:

Please amend claims 12-15 and 18-28 to read as follows:

12. (Amended) A vaccine precursor or vaccine which was
manufactured or produced by using the antigenic substance inductor
according to claim 1.

13. (Amended) An antibody or neutralizing antibody which was
manufactured or produced by using the antigenic substance inductor
according to claim 1.

14. (Amended) An antitoxin which was manufactured or
produced by using the antigenic substance inductor according to

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claim 1.

15. (Amended) Idiotypic antibody which was manufactured or produced by using the antigenic substance inductor according to claim 1.

18. (Amended) The vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin, idiotype antibody or anti-idiotypic antibody induced by the idiotype antibody according to claim 12, which is an artificial antibody to a macromolecule (such as peptides, proteins, lipids, glycoproteins and polysaccharides so on) that is not an organism.

19. (Amended) The antigenic substance inductor, vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody according to claim 12, which is an antimicrobial agent.

20. (Amended) The antigenic substance inductor, vaccine

precursor, vaccine, antibody, neutralizing antibody, antitoxin or
idiotype antibody according to claim 12, which is an antiviral
agent.

21. (Amended) The antigenic substance inductor, vaccine
precursor, vaccine, antibody, neutralizing antibody, antitoxin or
idiotype antibody according to claim 12, which is an antitumor
agent.

22. (Amended) The antigenic substance inductor, vaccine
precursor, vaccine, antibody, neutralizing antibody, antitoxin or
idiotype antibody according to claim 12, which is an anti-protozoa
agent (malaria, spirochaeta et. al).

23. (Amended) The antibody or idiotype antibody according to
claim 13, which is a molecular discriminating agent.

24. (Amended) The antibody or idiotype antibody according to
claim 13, which is a labeled compound that has a labeled substance

or that has substrate including compounds being capable to demonstrate effector site.

25. (Amended) The antibody or idiotypic antibody according to claim 13, histocompatible accelerator on homologous tissues or organs.

26. (Amended) The antibody or idiotypic antibody according to claim 13, histocompatible accelerator on heterogeneous tissues or organs.

27. (Amended) The antibody or idiotypic antibody according to claim 13, immuno-response accelerator or immuno-response controller.

28. (Amended) The antibody or idiotypic antibody according to claim 13, complement-linkage reaction accelerator.

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REMARKS

The specification has been amended to identify prior related applications.

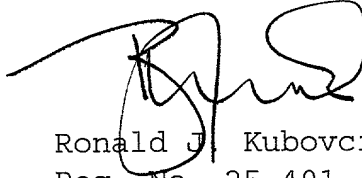
The claims have been amended to delete multiple dependencies.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendments. The attachment is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

In the event any additional fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

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CONTINUATION APPLICATION OF
Serial Number 09/355,642
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The following paragraph has been inserted in the beginning:

-- This application is a continuation of application Serial Number 09/355,642, filed July 29, 1999. Application Serial No. 09/355,642 is a 371 of PCT/JP98/00351.--

IN THE CLAIMS:

Amend claims 12-15 and 18-28 as follows:

12. (Amended) A vaccine precursor or vaccine which was manufactured or produced by using the antigenic substance inductor according to [~~any one of claims 1-11~~] claim 1.

13. (Amended) An antibody or neutralizing antibody which was manufactured or produced by using the antigenic substance inductor according to [~~any one of claims 1-11~~] claim 1.

14. (Amended) An antitoxin which was manufactured or produced by using the antigenic substance inductor according to ~~[any one of claims 1-11]~~ claim 1.

15. (Amended) Idiotypic antibody which was manufactured or produced by using the antigenic substance inductor according to ~~[any one of claims 1-11]~~ claim 1.

18. (Amended) The vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin, idiotype antibody or anti-idiotypic antibody induced by the idiotype antibody according to ~~[any one of claims 12-17]~~ claim 12, which is an artificial antibody to a macromolecule (such as peptides, proteins, lipids, glycoproteins and polysaccharides so on) that is not an organism.

19. (Amended) The antigenic substance inductor, vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody according to ~~[any one of claims 12-17]~~ claim 12, which is an antimicrobial agent.

20. (Amended) The antigenic substance inductor, vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody according to [~~any one of claims 12-17~~] claim 12, which is an antiviral agent.

21. (Amended) The antigenic substance inductor, vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody according to [~~any one of claims 12-17~~] claim 12, which is an antitumor agent.

22. (Amended) The antigenic substance inductor, vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody according to [~~any one of claims 12-17~~] claim 12, which is an anti-protozoa agent (malaria, spirochaeta et. al).

23. (Amended) The antibody or idiotype antibody according to claim 13 [~~or 15~~], which is a molecular discriminating agent.

24. (Amended) The antibody or idiotype antibody according to

claim 13 [~~ex-15~~], which is a labeled compound that has a labeled substance or that has substrate including compounds being capable to demonstrate effector site.

25. (Amended) The antibody or idio~~type~~ antibody according to claim 13 [~~ex-15~~], histocompatible accelerator on homologous tissues or organs.

26. (Amended) The antibody or idio~~type~~ antibody according to claim 13 [~~ex-15~~], histocompatible accelerator on heterogeneous tissues or organs.

27. (Amended) The antibody or idio~~type~~ antibody according to claim 13 [~~ex-15~~], immuno-response accelerator or immuno-response controller.

28. (Amended) The antibody or idio~~type~~ antibody according to claim 13 [~~ex-15~~], complement-linkage reaction accelerator.